

How is your organization helping to improve the Army's combat capabilities?

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The CIO/G-6's role in acquisition has changed significantly during the past year. Prior to the Army program executive office (PEO) and deputy for systems acquisition realignments, the CIO/G-6 (formerly the Director of Information Systems for Command, Control, Communications, and Computers) was responsible for the acquisition management of the programs under PEO, Command, Control and Communications Systems (C3S) and PEO, Standard Army Management Information Systems (STAMIS) (now PEO, Enterprise Information Systems). Since the realignment, the new CIO/G-6 has served as an acquisition advisor to the Army Acquisition Executive, addressing numerous critical areas important to the warfighter.

Consistent with the *Clinger-Cohen Act*, the CIO/G-6 reviews *all* Army PEO programs for conformance with the tenets of that legislation, and "monitors the performance of information technology programs ... and advises the head of the systems developing agency regarding whether to continue, modify, or terminate a program or project." CIO/G-6 also facilitates the acquisition of new information technology to achieve the agency's strategic goals. Programs requiring Clinger-Cohen certification are reviewed by the CIO/G-6 prior to fielding, thus ensuring seamless convergence of joint forces.

The CIO/G-6 also reviews every program to confirm that its design and subsequent development follow the Army's and DOD's larger plan to achieve a network-centric force. This includes certification by the Army's Central Technical Support Facility at Fort Hood, TX, to ensure that all Army warfighter systems are interoperable with each other. (Joint certification is accomplished at the Joint Interoperability Test Command at Fort Huachuca, AZ.)

G-6 personnel routinely contact and visit major commands and units worldwide, continually reviewing where resources should be targeted to increase warfighting capability, coordinating those resources, and serving as a budget process advocate. Additionally, the CIO/G6 validates the larger Army Knowledge Enterprise Architecture from the foxhole to the Pentagon. This entails

guiding the enterprise so that it seamlessly comes together, tying tactical units to the larger Army enterprise—including the emerging Army Knowledge Management effort and Army Knowledge Online. As joint doctrine and joint programs gain increased emphasis, the G-6 serves as the Army representative to ensure that current and future joint programs are interoperable, thus providing the enablers needed for our forces anywhere, anytime.

BG Michael R. Mazzucchi
Program Executive Officer
Command, Control and
Communications Tactical (C3T)



My primary objective has been, and will continue to be, to improve the warfighter's ability to clearly see the friendly situation as it unfolds throughout an operation, to overlay that picture with our best information regarding the enemy's activities, and to support the commander with various decision aids. As Sun Tzu states, "*One who knows the enemy and knows himself will not be in danger in a hundred battles.*" It is most important to be able to use this battlefield information to make critical decisions within the decision cycle of the opposing force. The Army Battle Command System (ABCS) developed by the Program Executive Office, C3T has made great strides in providing the warfighter valuable tools to understand the tactical situation more clearly, make decisions with more confidence, and react more quickly to changing battlefield conditions. Our participation in a number of Army warfighting experiments at the National Training Center, Fort Irwin, CA, and elsewhere has allowed the Army to demonstrate the value of these capabilities in defeating the opposing force. On the road toward transformation, the fielding of ABCS to the 4th Infantry Division and the first Stryker Brigade Combat Team (SBCT) is nearing completion, while the fielding to the 1st Cavalry Division and the second SBCT is well underway.

In addition to supporting the Army's traditional warfighting role, we have been able to quickly adapt some of this technology to support operations other than war, e.g., Bosnia and Kosovo. The Balkans Digitization Initiative allowed commanders in the region to have accurate visibility of their friendly elements over a very dispersed geographic area. A similar but improved version of this capability called the Gulf Digitization Initiative is being prepared for fielding to various units participating in Operation Enduring Freedom.

Operation Enduring Freedom will require interoperability among Army units in varying stages of modernization and with our sister Services and coalition partners. Therefore, in addition to the technical products this

SPEAKING OUT

organization provides, we are leveraging our engineering knowledge base, which has matured over the last several years. We are also taking a leadership role in directly supporting the warfighter with systems engineering and integration support. It is essential that we ensure optimal interoperability among the dissimilar and heterogeneous digitized equipment currently employed across the Department of Defense.

COL(P) James R. Moran Program Executive Officer Soldier

In June 2002, the Army activated the Program Executive Office (PEO), Soldier, consolidating 346 soldier programs and giving us a unique opportunity to enhance soldiers' combat capability today and in the future. Today, Team Soldier is supporting our deployed forces by accelerating fielding schedules with commercial off-the-shelf (COTS) equipment. Two COTS items—global positioning systems (GPSs) and Viper binoculars with integrated laser rangefinder and digital compass—enable soldiers to



direct joint and Army fires today with absolute precision. In addition, our units are getting on an accelerated basis the XM107 .50-caliber sniper rifle and the new Thermal Weapons Sight for the M4 carbine and M16 rifle. Looking out a few years, the airburst capability of the XM29 will allow soldiers to attack an enemy behind cover.

Integrating GPSs, laser rangefinders, and video sights with the individual communications of a wireless LAN will allow an infantryman to instantly see on a helmet-mounted display the location of every member of his squad and the enemy other squad members see. That means that a soldier on the right flank will be able to instantly and precisely show the squad an enemy waiting in ambush on the left flank.

Additionally, Team Soldier's Air Warrior Program will enhance the aircrew's performance to fully exploit the aircraft's capabilities. Treating the soldier as a system, PEO, Soldier will improve the individual soldier's lethality and situational awareness, and still lighten his combat load. This will give the American soldier an unparalleled advantage in both the long-range and close-in fight. Army Chief of Staff GEN Eric K. Shinseki summed up what Team Soldier is all about when he said, "Soldiers are the centerpiece of our formations."

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